

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



27 JAN 2005

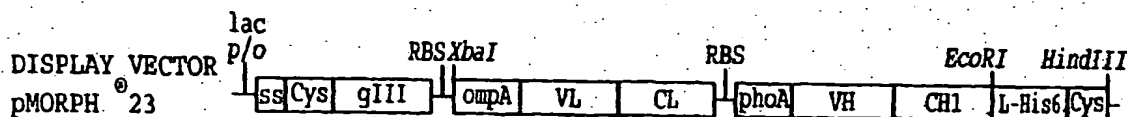
(43) International Publication Date  
12 February 2004 (12.02.2004)

PCT

(10) International Publication Number  
WO 2004/013276 A2

- (51) International Patent Classification<sup>7</sup>: C12N (71) Applicants and  
(72) Inventors: PRASSLER, Josef [DE/DE]; Sandstr. 20,  
(21) International Application Number: PCT/IB2003/003681 82110 Munich (DE). STARK, Yvonne [DE/DE]; Ho-  
fangerstr. 10, 81735 Munich (DE).  
(22) International Filing Date: 30 July 2003 (30.07.2003) (81) Designated States (*national*): AU, CA, US.  
(25) Filing Language: English Published:  
— without international search report and to be republished  
upon receipt of that report  
(26) Publication Language: English (48) Date of publication of this corrected version:  
1 April 2004  
(30) Priority Data: 60/399,150 30 July 2002 (30.07.2002) US (15) Information about Correction:  
see PCT Gazette No. 14/2004 of 1 April 2004, Section II  
(71) Applicant (*for all designated States except US*): MOR-  
PHOSYS IP GMBH [DE/DE]; Lena-Christ-Str. 48,  
82152 Martinsried/Planegg (DE). *For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: NOVEL TRICISTRONIC VECTORS AND USES THEREFOR



(57) **Abstract:** A tricistronic vector (i.e., a vector capable of expressing three exogenous genes, which are not fused together, under the control of one promoter) effectively can encode an immunoglobulin-presenting polypeptide and two immunoglobulin (Ig) polypeptides. The encoded Ig-presenting polypeptide is able to associate with at least one of the Ig polypeptides via co-expressed associating agents. A vector according to the present invention particularly is suited for phage display technology, e.g., when the Ig-presenting polypeptide is a phage coat protein and the Ig polypeptides associate to form a Fab.

WO 2004/013276 A2